

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
DAIRY64.001APCAPPLICATION NO.
09/720,041INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Schlothauer et al.FILING DATE
December 14, 2000GROUP
1645

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
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FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|----|-----------------|----------|--------------------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | 1. | JP 04-282398 | 7.10.92 | Japanese Patent Abstract | | | | |
| | 2. | JP- 06-345664 | 20.12.94 | Japanese Patent Abstract | | | | |
| | 3. | WO 01/85984 A1 | 15.11.01 | PCT | | | | |
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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|----|-----------------|---------|----------------|-------|----------|---------------------------------|
| SEP | 1. | 3,970,520 | 7.20.76 | Feldman et al. | | | |
| SEP | 2. | 4,358,464 | 11.9.82 | Soehnen | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|-----|-----------------|----------|---------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| SEP | 3. | EP 065663 | 12.01.82 | EP | | | | |
| | 4. | EP 117047 | 08.09.84 | EP | | | | |
| | 5. | EP 474 506A1 | 09.06.91 | EP | | | | |
| | 6. | EP 474506 B1 | 05.13.98 | EP | | | | |
| | 7. | FR 2309154 | 11.26.76 | FR | | | | |
| | 8. | JP 04282400 | 10.07.92 | JP | | | | |
| | 9. | JP 10033115 | 02.10.98 | JP | | | | |
| | 10. | JP 8056568 | 03.05.96 | JP | | | | |
| | 11. | JP 8098656 | 4.16.96 | JP | | | | |
| | 12. | JP 9047229 | 2.18.97 | JP | | | | |
| | 13. | WO 9304593 | 3.18.93 | PCT | | | | |

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)


| | | |
|-----|-----|---|
| SEP | 14. | Adler-Nissen J: "Enzymic hydrolysis of food proteins" 1986, Elsevier Applied Science Publishers, London and NY XP002122275 page 59-62 and page 94-96 |
| | 15. | Bernal and Jelen "Effectiveness of lactose hydrolysis in Cottage cheese Whey for the development of whey drinks" <u>Milchwissenschaft</u> 44:222-225 (1989) |
| | 16. | Cushman D W & Cheung HS. "Spectrophotometric assay and properties of the angiotensin converting enzyme in rabbit lung" <u>Biochem. Pharmacol.</u> 20:163 7-1648 (1971) |
| | 17. | Maubois et al., "Les peptides du lait a activite physiologique III. Peptides du lait a effect cardiovasculaire: activites antithrombotique" <u>Lait</u> 71,249:955 (1991) |

EXAMINER

DATE CONSIDERED

9-30-02

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| FORM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. DAIRY64.001APC | APPLICATION NO. 09/720,041 |
|  <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)</p> | | <p>RECEIVED</p> | |
| | | <p>APPLICANT Schlothauer et al.</p> | |
| | | <p>FILING DATE December 14, 2000</p> | <p>GROUP 1645</p> |

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TECH CENTER 1600/2900

| EXAMINER INITIAL | OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.) |
|---------------------|---|
| SEP | 18. Mullally et al., "Angiotensin-I-converting enzyme inhibitory activities of gastric and pancreatic proteinase digests of whey proteins." <u>International Dairy Journal</u> , Vol. No. 7, (1997), pages 229-303, XP00953726; Correspondence (Reprint) address, R.J. Fitzgerald, Dep. Of Life Sci., Univ. of Limerick, Limerick, Republic of Ireland; the whole document. |
| | 19. Nakamura Y. Yamamoto N. et al., "Antihypertensive effect of peptides derived from casein by an extracellular proteinase form <u>Lactobacillus helveticus</u> CP790. <u>Journal of Dairy Sciences</u> 77: 917-922 (1994) |
| V | 20. Roy, G. "Bitterness: reduction and inhibition." <u>Trends in Food Science and Technology</u> 3:85-91 (1992) |
| | 21. Yamamoto et al. "Antihypertensive peptides derived from food proteins" <u>Biopolymers</u> 43:129-134 (1997) |
| | |
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EXAMINER

DATE CONSIDERED

9-30-02

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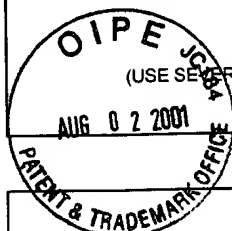
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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
|---------------------|----|-----------------|----------|------------------|-------|----------|---------------------------------|
| SEP | 1. | 4,918,008 | 4.17.90 | Gauri | | | |
| | 2. | 4,981,704 | 1.1.91 | Thibault | | | |
| | 3. | 5,405,637 | 4.11.95 | Martinez et al. | | | |
| | 4. | 5,589,357 | 12.31.96 | Martinez et al. | | | |
| | 5. | 5,744,179 | 4.28.98 | Shimamura et al. | | | |
| | 6. | 5,780,439 | 7.14.98 | Mendy et al. | | | |
| | 7. | 5,837,312 | 11.17.98 | Cordle et al. | | | |

FOREIGN PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|---------------------|-----|-----------------|----------|----------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| SEP | 8. | EP 0421309A2 | 04.10.91 | EP | | | | |
| | 9. | EP0322589 | 07.05.89 | EP | | | | |
| | 10. | GB 996857 | 10.07.92 | JP | | | | |
| | 11. | JP 05103595 A | 04.27.93 | JP | | | | |
| | 12. | WO 93/24020 | 12.9.93 | PCT (Abstract) | | | | |
| | 13. | WO 96/11584 | 4.25.96 | PCT | | | | |

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OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|----|-----------------|---------|-------------|-------|----------|---------------------------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE (IF APPROPRIATE) |
| <i>SP</i> | 1. | 5,039,532 | 8/13/91 | Jost et al. | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
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| | | | | | | | YES | NO |
| <i>SP</i> | 2. | EP799577 | 10/8/97 | EP | | | | |
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